BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

BYATARAYANAPURA DIVISION

BYATARAYANAPURA SUB DIVISOIN

Name of the Work : **Improvements to Strome water Drains in ward No. 05 Jakkur**

Estimated Cost : **10.00 Lakhs**

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:- Improvements to Strome water Drains in ward no.05, Jakkur

								Estimation Cost.Rs	**1000000.00**
Sl No	**Description of work**		**Mesurement**				**Qty**	**Rate**	**Amount**
		Unit	**No.**	**L**	**B**	**D**			
1	KSRRB 300-1. **Earthwork excavation by manual means for roads,** drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications(P.No-143 &136 ,I No-19.1&17.4& 17.1) 5km lead= 57+2.0x1.28x5 =69.80								
	New Drain								
		Cum	1	123.50	1.25	1.40	216.13		
	Basic rate							130.00	
	Area weightage 6%							7.80	
	5Km lead & Lift= 57+(2*1.28*5)							69.80	
	Total						**216.13**	**207.60**	**44867.55**
2	KSRB 4-1.2 : Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2								
	New Drain								
		Cum	1	123.50	1.25	0.15	23.16		
	Basic rate							5194.00	
	Area weightage 6%							311.64	
						Total	**23.16**	**5505.64**	**127489.98**
3	Providing laying plain/ reinforced cement concrete for side Drains Using M20 nominal mix Concrete with OPC at 300kgs.With 20mm and Down size granite metal coarse aggregate at 0.69cum and fine aggregate at 0.43cum Machne mixed, well compacted for wall and Bottom including centering shuttering,cost of materials,HOM of Machinery,Curing Etc.,Complete Excluding cost of Steel as per morth MORTH specification No. 1500, 1700, 2200. Including Cost of material, Labour, HOM complete as per Specification-WALL & Bottom thickness 15Cm(Item No 37.59.2 page no 271)								
	Bottom Raft								
		Cum	1	123.50	1.20	0.15	22.23		
	Walls								
		Cum	2	123.50	0.15	1.10	40.76		
	Basic rate							6670.00	
	Area weightage 6%							400.20	
	Total						**62.99**	**7070.20**	**445316.55**
4	KSRB M2200-6 Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. MORTH Specification NO.1600&2200Specification No. Pg No.229 Item No.28.8.2								
	For Drain	Cum					62.99		
		kg	Steel assumed 60Kg/Cum of Concrete				3779.10		
		tonne					**3.78**		
	Basic rate							68233	
	Area weightage 6%							4093.98	
	Total						**3.78**	**72326.98**	**273330.89**
								Grand Total	**891004.96**

Sl No	Description of work	Unit	Mesurement No.	L	B	D	Qty	Rate	Amount
								GST Charges (12% of estimated cost)	106920.60
								Miscellenious and rounding	2074.44
								Total Amount	**1000000.00**
								RUPEES TEN LAKHS ONLY	

CERTIFICATE:

1) The work spot has been inspected and found to be necessary
2) The work spot comes under B.B.M.P
3) The provisions made in the estimate are necessary and minimum
4) The estimate is based on C.S.R of 2018-2019,Issue rates and Data Rates.

Assistant Engineer

Assistant Executive Engineer

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ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

Executive Engineer

ADMINISTRATIVE APPROVAL

Accorded For Rs. 10.00 Lakhs only

Head of A/c. P3.297

Div. Ref. No. 123 Date 16-3-2020

AE 16/03

EE(BTP) 16/03

TECHNICAL SANCTION

Accorded For Rs. 10.00 Lakhs only

Head of A/c. P3297

Div. Ref. No. 93 Date 16/3/2020

AE 16/03.

EE(BTP) 16/03